

Serial No.: 10/723,553

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Listing and Amendments to the Claims

Please rewrite claims 1 and 9 as indicated. Please cancel claim 8. Please add claims 11-14.

1. (Currently Amended) An image pickup device comprising:
 - an image sensor generating an image signal;
 - driving means generating a driving signal for the image sensor;
 - an amplifier for amplifying the image signal with a given gain;
 - adjusting means to set the gain;
 - ~~characterized by control means to control for controlling the power~~
amplitude of the driving signal;
wherein the control means is adapted to control a maximum output
signal of the image sensor depending on the set gain of the amplifier by
accordingly controlling the amplitude of the driving signal.
2. (Original) An image pickup device according to claim 1, wherein a pulse pattern generator includes the driving means.
3. (Original) An image pickup device according to claim 2, wherein the pulse pattern generator includes the control means.
4. (Original) An image pickup device according to claim 1, wherein a controller comprises the control means.
5. (Original) An image pickup device according to claim 1, wherein the driving signal is a storage clock signal or an image clock signal.
6. (Original) An image pickup device according to claim 1, wherein the image sensor is a CCD imager.

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7. (Original) An image pickup device according to claim 1, comprising two further image sensors.
8. (Cancelled)
9. (Currently Amended) An image pickup device comprising:
 - an image sensor generating an image signal;
 - driving means generating a signal with pulses for driving the image sensor;
 - an amplifier for amplifying the image signal with a given gain;
 - adjusting means to set the gain;
 - ~~characterized by control means to set for setting~~ the pulse height;wherein the control means is adapted to control a maximum output signal of the image sensor depending on the set gain of the amplifier by accordingly controlling the height of the pulses.
10. (Original) An image pickup device according to claim 9, wherein the driving signal is a storage clock signal or an image clock signal.
11. (New) An image pickup device according to claim 9, wherein the height of the pulses is reduced with increasing gain.
12. (New) An image pickup device according to claim 1, wherein the amplitude of the driving signal is reduced with increasing gain.
13. (New) A method for controlling an image pickup device comprising:
 - generating an image signal in an image sensor;
 - setting a gain applied to the image signal;
 - amplifying the image signal with the set gain;

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wherein the method further comprises:

- controlling a maximum output signal of the image sensor depending on the set gain of the amplifier by accordingly controlling the amplitude of the driving signal.

14. (New) The method of claim 13, further comprising:

- reducing the amplitude of the driving signal with increasing gain.